|  |            |                       |               |         |         |           |              |                                |                 |          |              |          | 1             | 10/736,665                                       |           |           |             |                 |              |             |            |          | YOU ET AL.    |          |                 |                 |                |              |   |
|--|------------|-----------------------|---------------|---------|---------|-----------|--------------|--------------------------------|-----------------|----------|--------------|----------|---------------|--|-----------|-----------|-------------|-----------------|--------------|-------------|------------|----------|---------------|----------|-----------------|-----------------|----------------|--------------|---|
|  |            |                       |               |         |         |           |              |                                |                 |          |              |          | E             | Examiner   |           |           |             |                 |              |             |            |          | Art Unit      |          |                 |                 |                | -            |   |
|  |            |                       |               |         |         |           |              |                                |                 |          |              |          |               |  | Phu Vu    |           |             |                 |              |             |            |          | 2871          |          |                 |                 |                |              |   |
|  |            |                       | Т             |         |         |           | 1            | 1                              |                 |          |              |          |               |  |           | г         | _           |                 |              |             |            | $\Box$   |               |          |                 |                 | _              |              |   |
|  | √ Rejected |                       |               |         |         |           |              | - (Through numera<br>Cancelled |                 |          |              |          | ral)          |  |           | N         | Non-Elected |                 |              |             | A          | Appeai   |               |          |                 |                 |                |              |   |
|  |            | =                     | = Allowed     |         |         |           |              | ÷ Restricted                   |                 |          |              |          |               | I Interference                                   |           |           |             | o               | Objected     |             |            |          |               |          |                 |                 |                |              |   |
|  |            |                       |               |         |         |           | '            |                                |                 |          |              |          |               |  |           |           |             |                 |              |             |            |          |               |          | J               |                 | •              |              |   |
|  | Cla        | im h                  | Т             | Date    |         |           |              |                                | -               | Claim    |              |          | $\overline{}$ | Date   |           |           | ——— Cla     |                 | aim          |             | Date       |          |               |          | _               |                 |                |              |   |
|  | Final      | inat                  |               |         |         |           |              |                                |                 |          | Final        | inal     |               |  | $  \  $   |           |             |                 |              | Final       | inal       |          |               |          |                 |                 |                |              |   |
|  | Fi         | Original \$ /3     os |               |         |         |           |              |                                |                 |          | i <u>E</u>   | Original |               |  |           |           |             |                 |              | 🛅           | Original   |          |               |          |                 |                 |                |              |   |
|  |            | 1 -                   | 1             | Ţ       | $\perp$ | L         |              |                                |                 |          |              | 51       |               | 1  | П         | $\Box$    | $\Box$      | $\Box$          |              |             | 101        |          |               | Ш        |                 |                 |                |              |   |
|  |            | 3                     | ₩             | +       | +-      | ╁         | $\vdash$     | _                              | $\dashv$        | -        |              | 52<br>53 |               | +-   | ╁╌┼       | $\dashv$  | +           | ++              | $\dashv$     | $\vdash$    | 102<br>103 | $\vdash$ | -             | +        | $\dashv$        | +               | $\dashv$       | +            |   |
|  |            | 4                     | $\parallel$   | +       | +-      | $\dagger$ |              |                                | $\Box$          |          |              | 54       | _             | <del>                                     </del> | t         | $\dagger$ | $\dashv$    | 11              | $\dashv$     |             | 104        | H        | +             | T        |                 | +               | $\top$         | +            |   |
|  |            | 5                     | $\parallel$   |         | $\perp$ |           |              |                                |                 |          |              | 55       |               |  |           |           |             |                 | $\Box$       |             | 105        |          |               |          |                 |                 |                |              |   |
|  |            | 6<br>7 /              | 4             | +       | -       | ╀         | $\vdash$     |                                | 1               | 4        |              | 56<br>57 | $\perp$       | +  | $\sqcup$  | +         | $\dashv$    | $\dashv$        | _            |             | 106        | $\vdash$ | _             | $\vdash$ | $\vdash \vdash$ | -               | +              | _            |   |
|  | -          | 8 /                   | +             | +       | +       | ┼         | $\vdash$     | _                              |                 | 4        |              | 58       | +             | ╁╌   | $\vdash$  | +         | $\dashv$    | $\dashv \dashv$ | $\dashv$     | $\vdash$    | 107<br>108 | $\vdash$ | +             | +        | $\vdash$        | $\dashv$        | +              | +            |   |
|  |            | 9                     | $\top$        | $\top$  |         |           |              |                                |                 |          |              | 59       |               |  |           |           | 1           | 11              | 1            |             | 109        | H        | _             | ╁        | $\Box$          | 十               | $\top$         | $\top$       |   |
|  |            | 10                    | Ţ             | $\top$  | $\perp$ |           |              |                                |                 |          |              | 60       | $\Box$        | T  |           |           | $\Box$      |                 |              |             | 110        | П        |               | $\Box$   |                 | $\Box$          |                |              |   |
|  | }          | 11                    | +             | +       | +       | -         | H            |                                | $\vdash$        | -        | ļ            | 61<br>62 | +             | +  | $\vdash$  | }         | $\dashv$    |                 |              | $\vdash$    | 111<br>112 | Н        | -             | +-       | $\vdash$        | -               | -              | +            |   |
|  | -          | 13                    | +             | +       | +       | +         | Н            |                                | $\vdash$        | $\dashv$ | <b>-</b>     | 63       | $\dashv$      | ╁  | ╁┼        | $\dashv$  | $\dashv$    | $\dashv \dashv$ | <del>-</del> | $\vdash$    | 113        | $\vdash$ | +             | +        | $\vdash$        | $\dashv$        | +              | +            |   |
|  |            | 14                    |               |         | 1       |           |              |                                |                 | _        |              | 64       |               |  | Ħ         | 7         | 1           |                 |              |             | 114        |          |               | T        |                 |                 |                |              |   |
|  |            | 15                    | $\perp$       |         |         |           |              |                                |                 |          |              | 65       | $\bot$        | $\perp$  |           | $\perp$   |             | $\Box$          |              |             | 115        | П        |               |          |                 | $\Box$          |                |              |   |
|  |            | 16<br>17              | ╀             | +       | +       | -         | $\vdash$     | _                              | $\vdash$        | $\dashv$ | <u> </u>     | 66<br>67 | +             | +  | $\vdash$  | -         | 4           | ++              | _            |             | 116<br>117 | $\sqcup$ | _             | +        |                 |                 | +              | ┼            |   |
|  |            | 18                    | ${\mathbb H}$ | +       | +       | +         | Н            |                                | $\vdash$        | $\dashv$ | <del> </del> | 68       | +             | +  | $\vdash$  | $\dashv$  | $\dashv$    | +               | $\dashv$     |             | 118        |          | +             | +        | Н               | $\dashv$        | +              | ╁╌           |   |
|  |            | 19                    | 1             |         | 1       | T         |              | _                              |                 |          |              | 69       |               |  | $\Box$    | †         | T           |                 | _            | -           | 119        |          |               |          |                 |                 |                | <del> </del> | ĺ |
|  |            | 20                    | 4             |         | $\perp$ |           |              |                                | П               |          |              | 70       |               | 1  |           |           | $\Box$      | $\Box$          |              |             | 120        |          |               |          |                 | $\Box$          |                |              | ! |
|  |            | 21 =                  | +             | -       |         | -         | <del> </del> | -                              | $\vdash$        |          | <u> </u>     | 71<br>72 |               | - -  | $\vdash$  | +         | 4           | $\dashv$        | 4            | _           | 121<br>122 | $\vdash$ |               | ╁        | Н               |                 | +              | -            |   |
|  |            | 23                    | ╁             | ┿       | +-      | ╫         | ╁╌           |                                | $\vdash$        | $\dashv$ | -            | 73       |               | +  | ╁┼        | $\dashv$  | $\dashv$    | $\dashv$        | ┥            | $\vdash$    | 123        |          |               | +        | H               | $\dashv$        | +              | +            |   |
|  |            | 24                    | Ť             |         | $\top$  |           |              |                                |                 |          |              | 74       |               | 1  | $\Box$    |           | 寸           | $\Box$          | $\exists$    |             | 124        |          | $\top$        | 1        |                 | 一               | $\neg$         |              |   |
|  |            | 25                    | Ţ             |         |         |           |              |                                |                 |          |              | 75       |               |  | П         |           | $\Box$      | $\Box$          |              |             | 125        |          |               | I.       |                 |                 |                | I            |   |
|  | -          | 26<br>27              | +             | +       | +       | -         | $\vdash$     |                                | $\vdash$        | 4        | <u> </u>     | 76<br>77 |               | +  | $\sqcup$  | -         | -           |                 |              |             | 126<br>127 | $\vdash$ | _             | +-       | $\square$       |                 | +              | $\bot$       |   |
|  |            | 28                    | +             | +       | +       | ╁         | $\vdash$     |                                | $\vdash$        | $\dashv$ | -            | 78       | +             | +  | H         | ┰┼        | $\dashv$    |                 |              |             | 128        | $\vdash$ | +             | ╁        | $\vdash$        |                 | +              | +            |   |
|  |            | 29                    | $\dagger$     | $\top$  |         | †         | †            |                                |                 |          |              | 79       |               |  | $\Box$    | 寸         | 7           |                 |              |             | 129        |          |               |          |                 | $\dashv$        | $\top$         | $\dagger$    |   |
|  |            | 30                    | $\perp$       | $\perp$ | $\perp$ | $\Box$    |              |                                |                 |          |              | 80       |               |  | П         |           |             |                 |              |             | 130        |          | $\Box$        |          |                 |                 | $\bot$         |              |   |
|  | -          | 31<br>32              | +             | +       | +       | ┼         | ╀            | _                              | Н               | 4        | -            | 81<br>82 |               | +-   | ╁╌╅       | +         | $\dashv$    | -               | _            |             | 131<br>132 | $\vdash$ | -             | +        | $\vdash$        |                 | +              | +            |   |
|  | -          | 33                    | +             | +       | +       | ╁         | ╁            | _                              | H               | ┥        |              | 83       | _             |  | $\vdash$  | ┪         | $\dashv$    |                 | $\dashv$     | <del></del> | 133        | $\vdash$ | $\dashv$      | ╁╌       |                 |                 | +              | +            |   |
|  |            | 34                    | İ             |         |         |           |              |                                |                 |          |              | 84       |               |  |           |           |             |                 |              |             | 134        |          |               | T        |                 |                 |                |              |   |
|  |            | 35                    | 1             |         |         |           |              |                                | Ц               |          |              | 85       |               |  |           |           |             | $\dashv$        |              |             | 135        |          |               | <u> </u> | Ш               |                 |                |              |   |
|  | -          | 36<br>37              | +             | +       | +       | +         | $\vdash$     | -                              | $\vdash$        | $\dashv$ | <u> </u>     | 86<br>87 | +             | +  | $\vdash$  | $\dashv$  | $\dashv$    |                 | $\dashv$     | -           | 136<br>137 | $\vdash$ | -             | ┼        | $\vdash$        | $\dashv$        |                | +            |   |
|  | $\vdash$   | 38                    | +             | +       | +       | ╁         | ╁            | $\vdash$                       | Н               | $\dashv$ |              | 88       | -             | +  | ╁┪        | $\dashv$  | $\dashv$    | $\dashv \dashv$ | $\dashv$     | $\vdash$    | 138        | $\vdash$ |               | +        | H               |                 | +              | ╁╴           |   |
|  |            | 39                    |               |         |         |           |              |                                |                 |          |              | 89       |               |  |           | $\exists$ |             | $\Box$          |              |             | 139        |          |               |          |                 |                 |                | 1            | ] |
|  |            | 40                    | Ţ             | $\perp$ | $\perp$ |           |              |                                |                 |          |              | 90       |               | $\bot$   | Ш         | $\Box$    | $\Box$      | $\Box$          |              |             | 140        |          | $\Box$        | T        |                 |                 |                |              | } |
|  | -          | 41<br>42              | +             | +       | ╁       | +         | ╁            | _                              | -               | -        | <u> </u>     | 91<br>92 | +             | +  | $\dashv$  | $\dashv$  | _           | $\dashv$        |              |             | 141<br>142 | $\vdash$ |               | +-       | $\vdash$        | $\dashv$        | +              | +-           |   |
|  | _          | 43                    | +             | +       | +       | +         | +            | ┢═                             | $\vdash$        | $\dashv$ |              | 93       | $\dashv$      | +  | ╁┼        | +         | $\dashv$    | +++             | $\dashv$     |             | 143        | H        | +             | +        | H               | $\vdash$        | $\dashv$       | +            | 1 |
|  |            | 44                    | 1             | $\perp$ | 丁       |           |              |                                |                 | ゴ        |              | 94       | 士             | 工  |           | 丁         | ╛           |                 | ╛            |             | 144        |          | 士             | 上        |                 |                 | 士              |              | j |
|  |            | 45                    | $\downarrow$  | Ţ       | $\bot$  | $\bot$    |              | L                              | $\Box$          | _        |              | 95       | $\bot$        | $\perp$  | П         | J         | $\dashv$    | Ш               | _]           |             | 145        | $\Box$   | $-\mathbb{T}$ |          | П               | $\Box$          | $\Box$         | $\perp$      | 1 |
|  |            | 46<br>47              | +             | +       | +       | +         | $\vdash$     | $\vdash$                       | $\vdash \vdash$ | $\dashv$ | -            | 96<br>97 | +             | +  | $\dashv$  | +         | -           |                 | 4            |             | 146<br>147 | $\vdash$ | - -           | +-       | $\vdash$        | $\dashv$        | +              | +-           | 1 |
|  | -          | 48                    | +             | +       | +       | +         | +            | $\vdash$                       | $\vdash$        | $\dashv$ |              | 98       | +             | +  | $\forall$ | $\dashv$  | $\dashv$    | $\dashv \dashv$ | $\dashv$     |             | 147        | +        | +             | +        | $\vdash \vdash$ | $\vdash \vdash$ | +              | +            | { |
|  |            | 49                    | I             | 士       |         | I         |              |                                |                 |          |              | 99       |               | 上  |           |           |             |                 |              |             | 149        |          |               |          |                 | ㅂ               | 士              |              | ] |
|  | L          | 50                    |               | $\perp$ |         |           | L            |                                | $\coprod$       |          |              | 100      |               |  |           | $\Box$    |             |                 |              |             | 150        |          | [             |          |                 |                 | $\perp \Gamma$ |              | j |
|  |            |                       |               |         |         |           |              |                                |                 |          |              |          |               |  |           |           |             |                 |              |             |            |          |               |          |                 |                 |                |              |   |

Application No.

**Index of Claims** 

Applicant(s)